

State of Illinois
Department of Natural Resources
Office of Mines and Minerals
Division of Abandoned Mined Lands

Funded by the
United States Department of Interior
Federal Office of Surface Mining

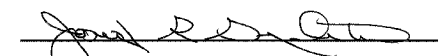
Young Shaft
Reclamation Project
AML-GMdE-0508
Madison County
1LR

SCHEDULE OF DRAWINGS:

1. Cover Sheet
2. Summary of Quantities/General Notes/Location Map
3. Reclamation Plan
- 4-6. Cross-Sections

Prepared By IDNR Staff

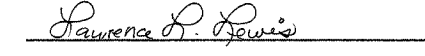
Approved for Bidding:

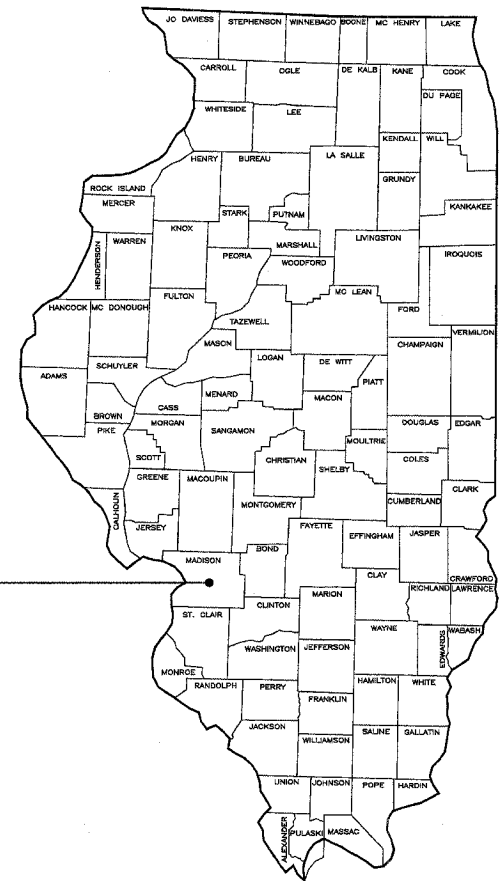

Joseph R. Angleton, Director
Office of Mines and Minerals

Approved By:


Alfred L. Clayborne, Manager
AML Division

Approved By:


Lawrence L. Lewis, P.E.
IL Licensed Professional Engineer
No. 0062-038880



Summary of Quantities				
#	Item	Section	Quantity	Unit Rates/Remarks
1	Special Clearing	201	1	L.S.
2	Earth Excavation	202	244	C.Y.
3	CA-6 Fill	216	2,260.4	Ton
4	Seeding - Class 6, Conservation Mixture	IDOT 250	0.6	Acre
5	Nitrogen Fertilizer Nutrient	IDOT 250	72	Pound 120 lbs./Acre
6	Phosphorous Fertilizer Nutrient	IDOT 250	60	Pound 100 lbs./Acre
7	Potassium Fertilizer Nutrient	IDOT 250	210	Pound 350 lbs./Acre
8	Agricultural Ground Limestone	IDOT 250	12	Ton 20 Tons/Acre
9	Mulch, Method 2, Procedure 2	IDOT 251	0.6	Acre
10	Removal of Existing Structures	501	1	L.S.
11	Mine Opening Marker	666	1	Each
12	Mobilization (Max. 6% of Bid)	671	1	L.S.

GENERAL NOTES

Unless otherwise noted on the plans, all disturbed areas within the construction limits will be amended with agricultural ground limestone, fertilizer nutrients, seeded and mulched at the required rates specified in the plans.

The contractor is responsible for visiting the site and familiarizing himself with the existing conditions and the proposed reclamation work prior to submitting a bid.

The contractor shall provide and pay for all field engineering services to execute the project as specified in the Field Engineering section of the Special Provisions.

The contractor is responsible for locating and protecting all existing utility lines pertaining to the work.

Unless noted on the plans, all onsite access roads may be used for construction and must be maintained during construction and restored to original or better condition at the completion of work by the contractor. Access roads to the site as designated in the plans are to be maintained to the satisfaction of the engineer.

The construction limits will be staked by the contractor prior to construction. The contractor is responsible for the repair and or restitution at his own expense for all damages done to any area outside the construction limits.

Application rates specified in the plans are shown in the Summary of Quantities-Rates/Remarks column.

CONSTRUCTION NOTES

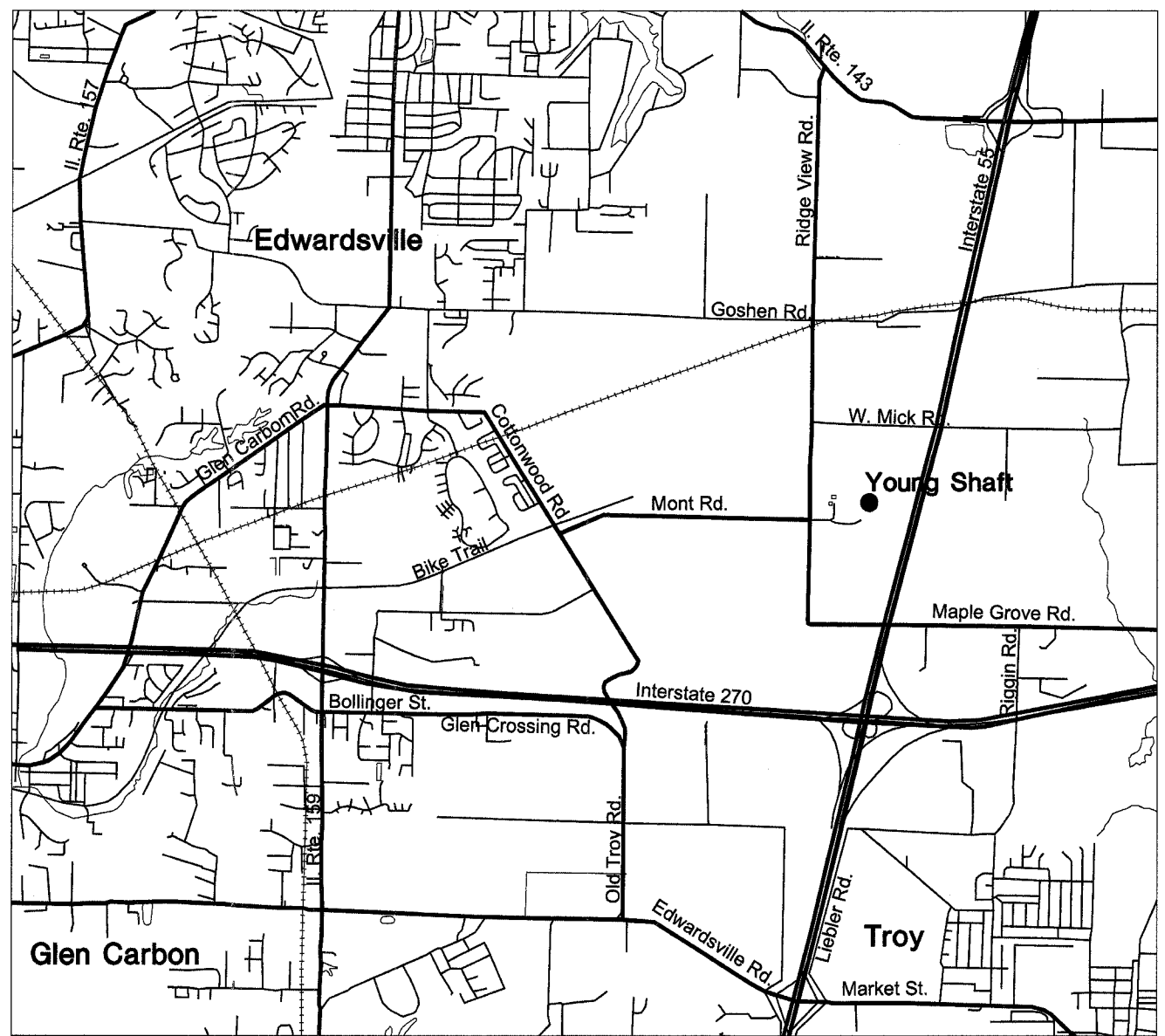
BURIAL/REMOVAL OF MATERIAL-Concrete and masonry debris designated for burial by the engineer shall be buried at least three feet below proposed final grade. Onsite organic debris and trash shall be disposed of in an engineer approved offsite landfill in accordance with Sections 201 and 501 of the Special Provisions.

TREE REMOVAL-Trees removed shall be disposed of onsite per Section 201 of the Special Provisions.

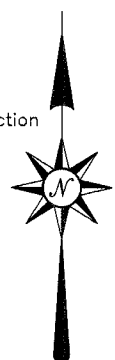
EROSION CONTROL-The contractor shall schedule his operations and take such precautions that may be necessary to prevent or minimize erosion. Failure to comply with this requirement shall cause the contractor to be fully responsible for repairing any eroded areas and cleaning up areas or drainage structures that have become silted in or damaged.

AGRICULTURAL GROUND LIMESTONE-Immediately prior to seed bed preparation, fertilizer nutrients and agricultural ground limestone shall be uniformly spread at the rates specified in the plans.

MULCHING-Within 24 hours from the time seeding has been performed, the seeded area shall be given a covering of mulch at the rates specified in the plans. The mulch is to be anchored into the soil in accordance with the requirements for method 2, procedure 2 of Article 251.03 of the Standard Specifications. If Excelsior or Special Excelsior Blanket is to be used, the blanket shall be placed the same day that the areas are seeded.



Location Map



State of Illinois
Department of Natural Resources

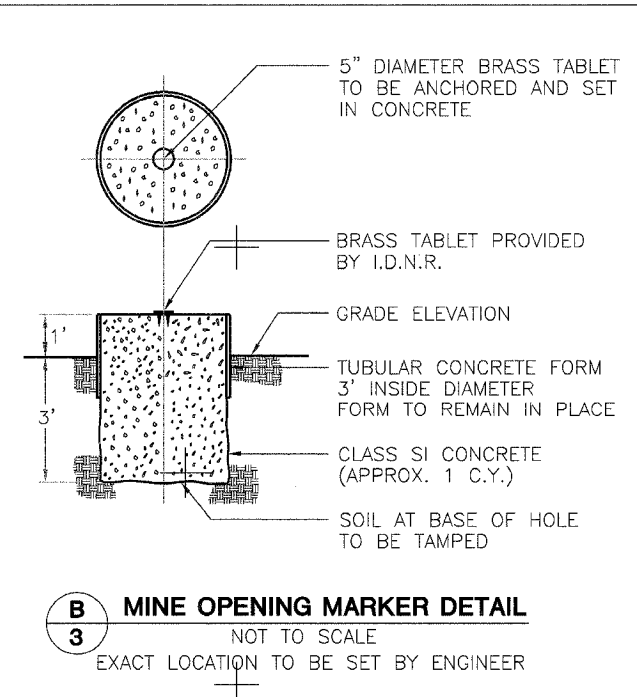
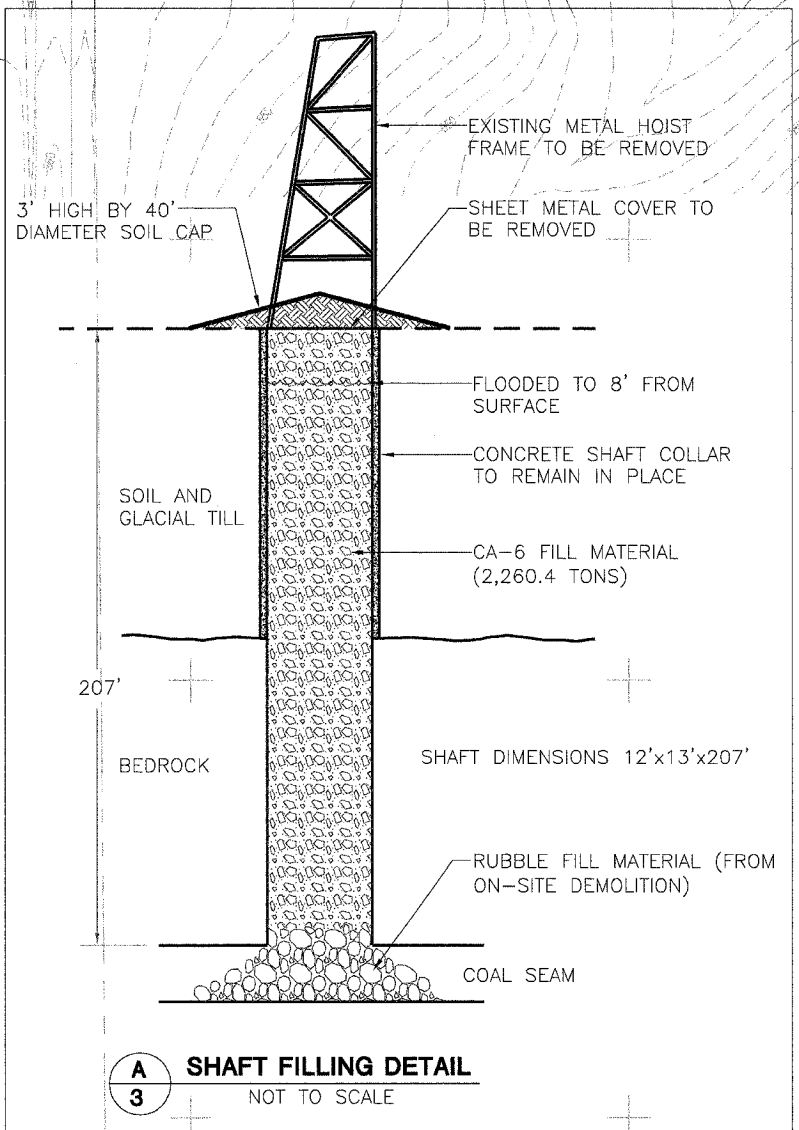
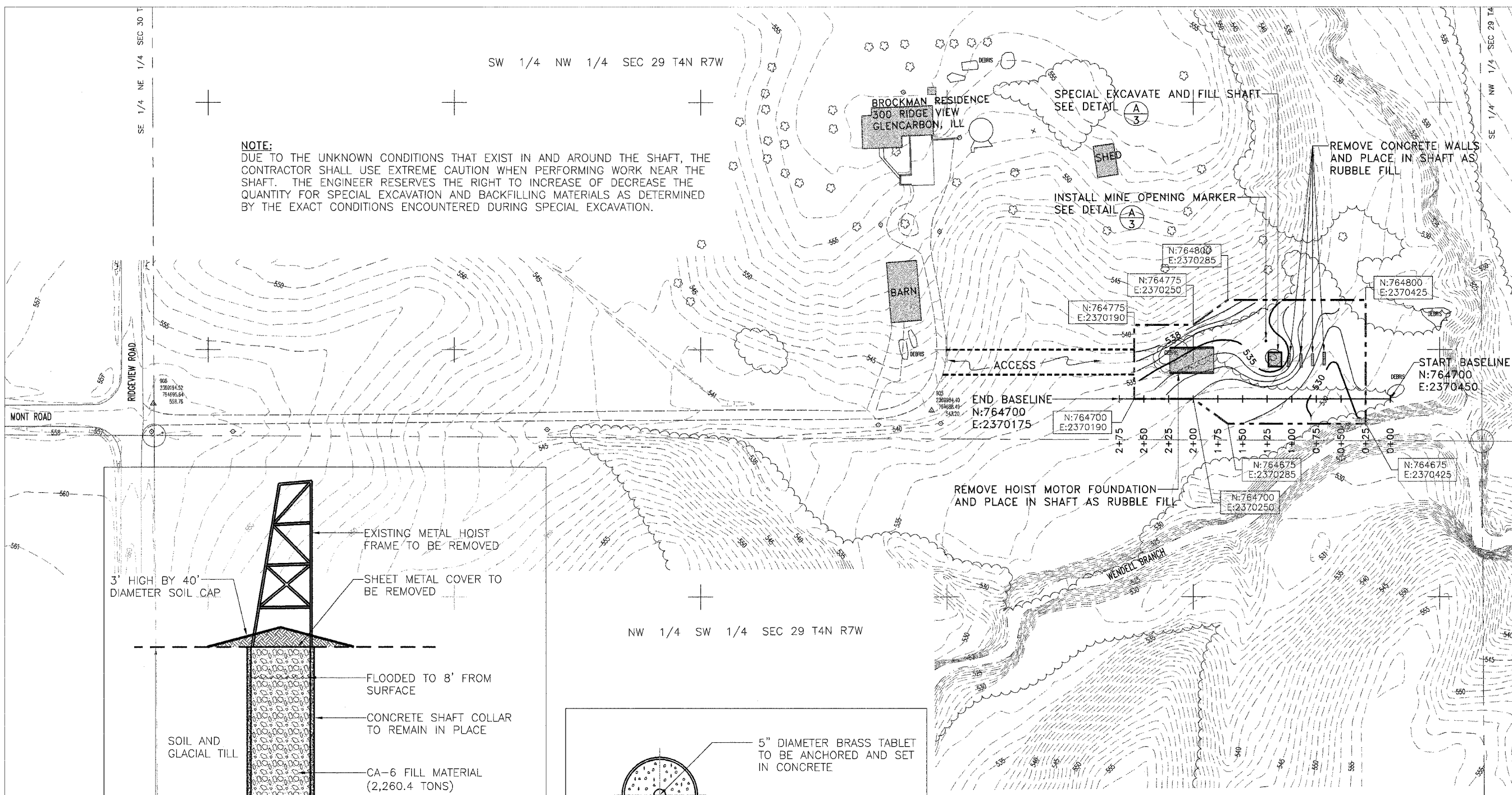
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Drawn By: T.M.
Checked By: J.P.
Date: 8/29/05
10/17/05

Summary of Quantities/
General Notes/Location Map
Sheet
2 of 6

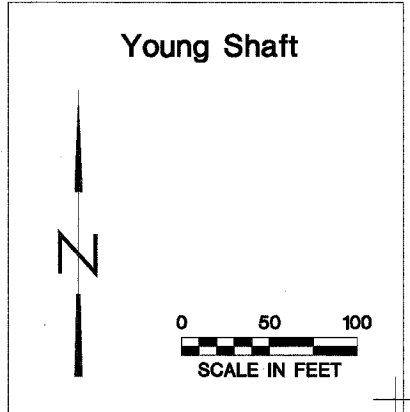
SW 1/4 NW 1/4 SEC 29 T4N R7W

NOTE:
 DUE TO THE UNKNOWN CONDITIONS THAT EXIST IN AND AROUND THE SHAFT, THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN PERFORMING WORK NEAR THE SHAFT. THE ENGINEER RESERVES THE RIGHT TO INCREASE OR DECREASE THE QUANTITY FOR SPECIAL EXCAVATION AND BACKFILLING MATERIALS AS DETERMINED BY THE EXACT CONDITIONS ENCOUNTERED DURING SPECIAL EXCAVATION.



Legend

--- 500 ---	EXISTING CONTOUR
— — — — —	CONSTRUCTION LIMITS
— — — — —	EDGE OF ROAD
~~~~~	TREELINE
— — — — —	EDGE OF WATER
△	SURVEY CONTROL POINT



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 Department of Natural Resources

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 AML-GMdE-0508  
 Madison County

Drawn By: M-LE  
 Checked By: AP  
 Date: 10/16/2005  
 10/17/05

Existing & Proposed  
 Conditions  
 Sheet  
 3 of 6

NE 1/4 SE 1/4 SEC 30 T4N R7W

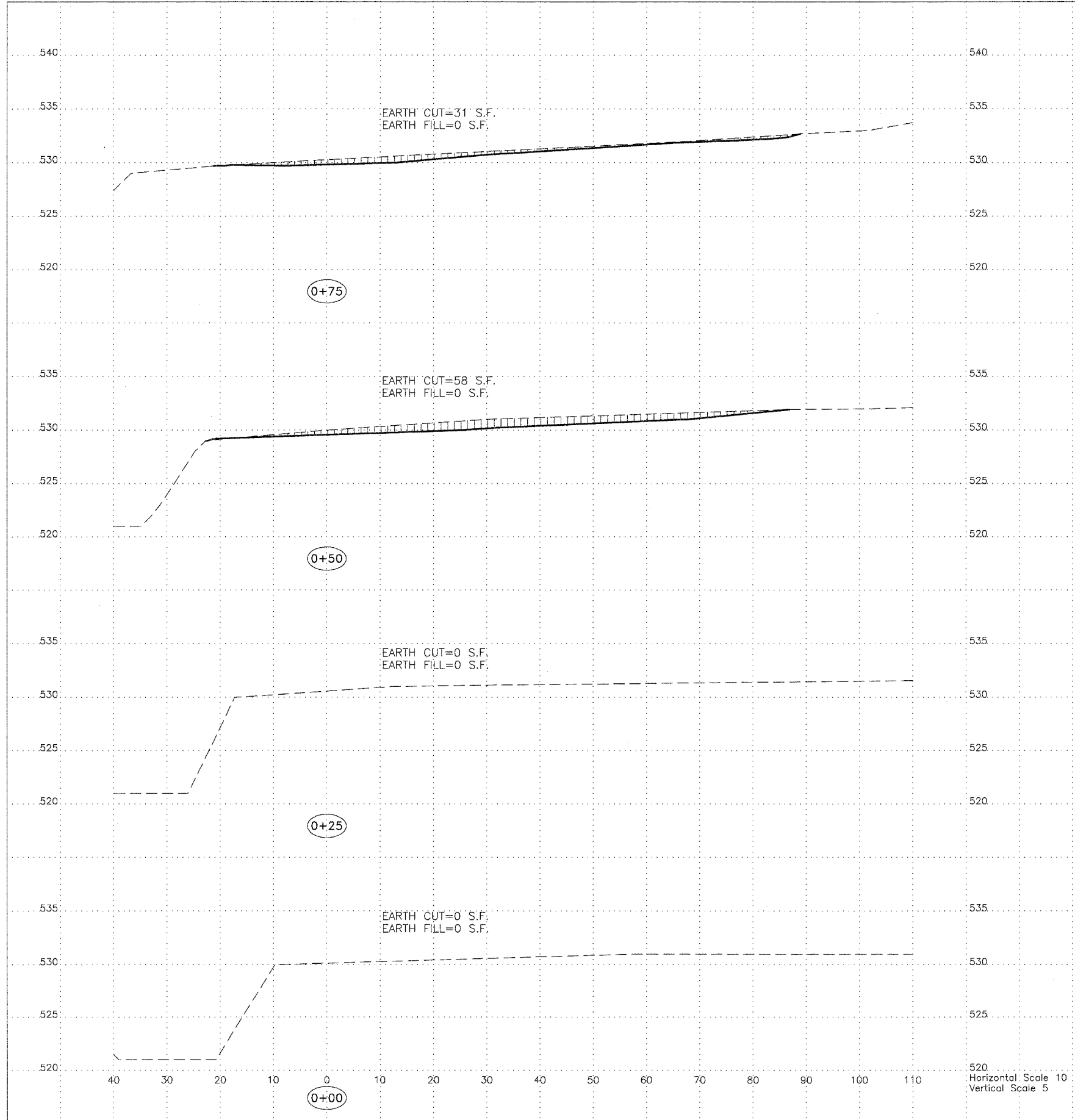
NW 1/4 SW 1/4 SEC 29 T4N R7W

NE 1/4 SW 1/4 SEC 29 T4N R7W

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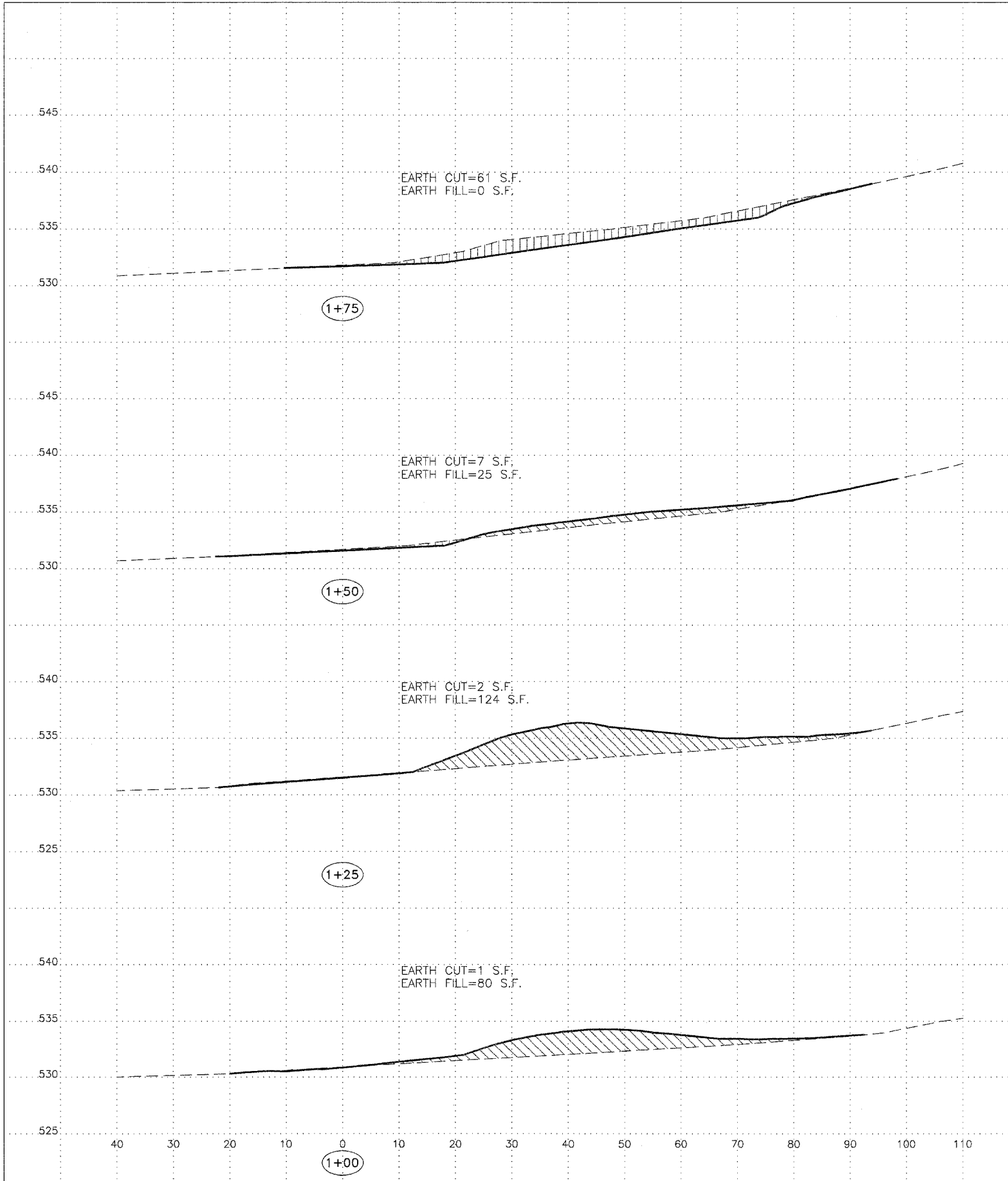
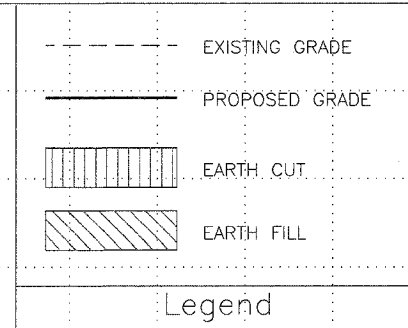
Legend

- EXISTING GRADE
- PROPOSED GRADE
- [Vertical Hatching] EARTH CUT
- [Diagonal Hatching] EARTH FILL



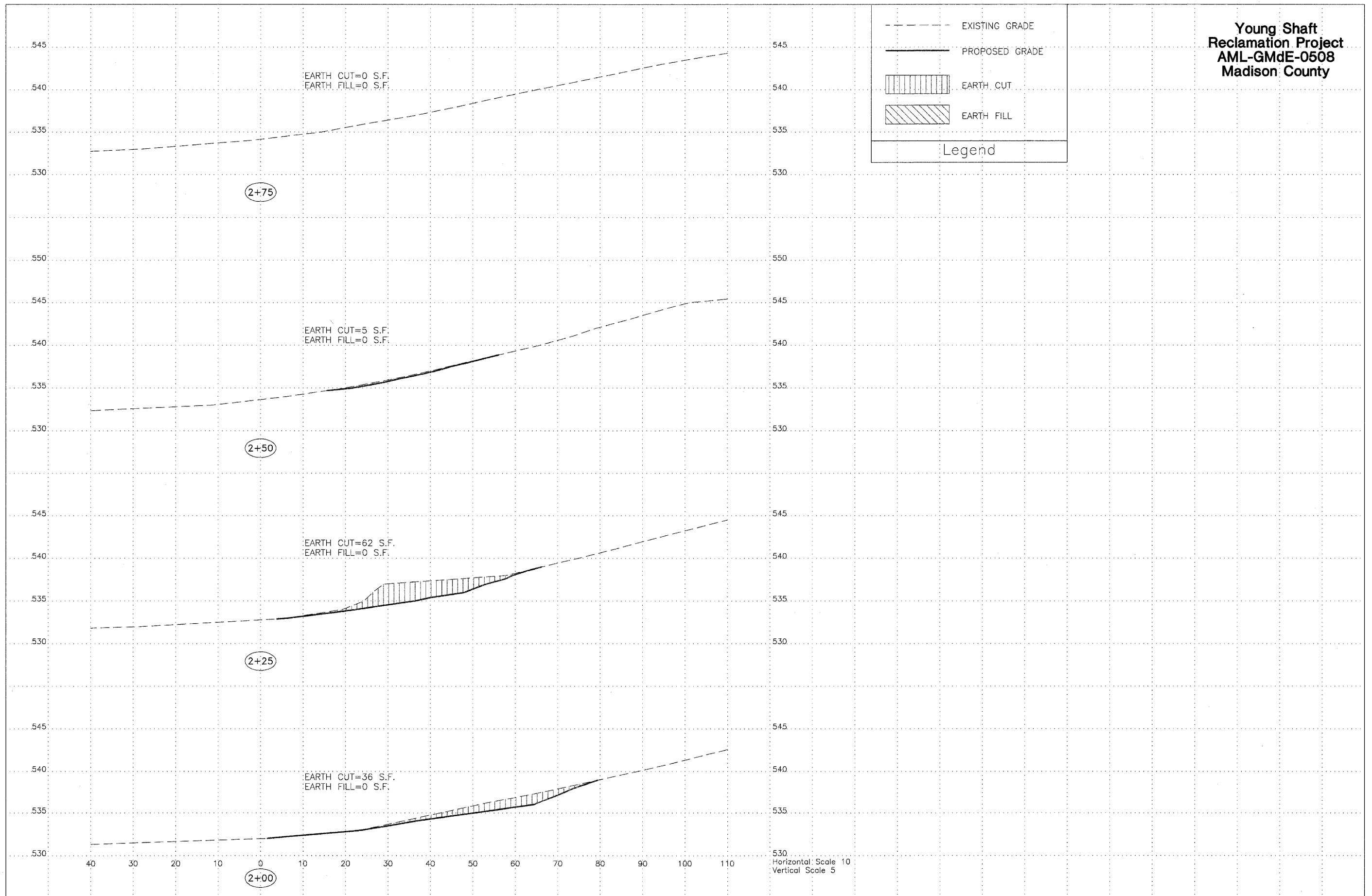
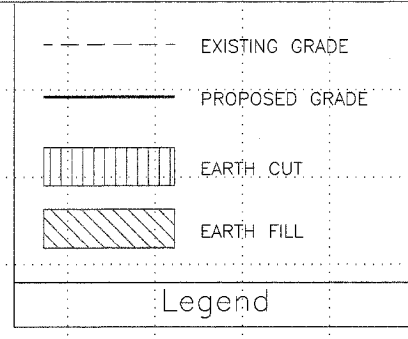
Horizontal Scale 10  
Vertical Scale 5

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Vertical Scale 5

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Horizontal Scale 10  
Vertical Scale 5